

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

ORIGINAL
RECEIVED

APR 4 1996
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF SECRETARY

In the Matter of:)
Telephone Number Portability) CC Docket No. 95-116

ERRATUM

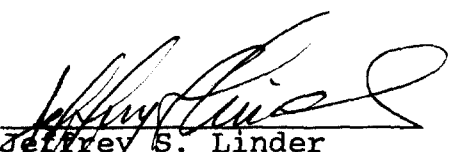
DOCKET FILE COPY ORIGINAL

On March 29, Pacific Bell filed its Further Comments in this proceeding pursuant to the Commission's Public Notice, DA 96-358, released March 14, 1996. Pacific's Further Comments referenced an attachment that apparently was inadvertently omitted from the filed copy. Pacific is filing this addendum to provide the omitted attachment, and is serving a copy of this Erratum and the attachment on all parties of record.

Respectfully submitted,

PACIFIC BELL

By:


Jeffrey S. Linder
Wiley, Rein & Fielding
1776 K Street, N.W.
Washington, D.C. 20006
(202) 429-7000

Its Attorney

April 4, 1996

No. of Copies rec'd
List ABOVE

046

March 18, 1996

D. Smith
Vice President - Sales
Belcom
1010 Arapaho Rd.
Richardson, Texas 75083-9875

G. J. Bunker
Vice President - North American Region
Lucent Technologies
475 South St.
Morristown, New Jersey 07962

C. Chaudron
President Public Carrier Network
4001 R. Chapel Hill - Nelson Hwy.
P.O. Box 13010
Research Triangle Park, N.C. 27709-3010

F. Fromm
President and CEO
Shaw-Wooten-Stromberg-Carlson
900 Bremen Sound Parkway
Boca Raton, Florida 33487

Re: Urgent Request for Information on Local Number Portability

The purpose of this letter is to request your immediate attention to our request for detailed technical information regarding the implementation of the various local number portability (LNP) network architecture solutions. We are extremely interested in identifying a cost effective approach to a number portability implementation that will accommodate a transition to a more robust technical solution (the accommodates geographic number portability) if and when it is required. The switching types that should be addressed in your response are the following:

- Lucent - LANS, 400S, 500S
- Nortel - DMS 10, DMS 100, DMS 100/200, DMS 200
- Bellcom - AXE 10
- Siemens - EWSD

More specifically, we are interested in the implementation of Query On Release (QOR) solution in conjunction with the N-1 (LRN) architecture solution (i.e., as defined in Illinois). The location routing number will be the standard addressing information (to identify the switch) passed between networks for both QOR and N-1 (LRN) architectures. We are also interested in obtaining information relative to the transition from a QOR solution to an N-1 (LRN) solution, which in some cases is the originating network, and the coexistence of both solutions by different network providers.

We would like detailed technical and estimated cost information as described below. Because the industry is moving forward at a rapid pace on Local Number Portability, we are requesting that you provide us with this information by April 15. We would also like to schedule a conference call the week of March 25th to discuss a status on your work-in-progress. The requested technical and cost information is set forth in detail below. Please provide the following information for each of the above listed switches:

1. Detailed estimated cost information for QOR and N-1 (LRN) including any current or planned patents. Include any anticipated switch upgrades required to support either

solution. Also, provide any assumptions made in the pricing information.¹

2. Base your cost estimates for QOR and N-1 (LRN) on a 2097 General Availability for each switch type identified above.²

3. Provide detailed information about the following:

- a. Impact of QOR on switch AIN capacity;
- b. Impact of N-1 (LRN) on switch AIN capacity;
- c. When N-1 (LRN) may/will exhaust current switch AIN triggering capacity;
- d. Impacts to real time processing; and
- e. Impacts to existing/planned AIN services and the costs associated to handle any additional capacity.

The established Customer Points Of Contacts (CPOCs - see attached list) will provide switch data for analysis.

4. A feasibility analysis for QOR is currently defined in ANSI. Include any feature interaction problems, technical advantages and disadvantages.

5. The technical analysis of an incumbent network provider transitioning from QOR to N-1 (LRN). Provide any technical concerns, compatibility issues and all estimated costs associated with the transition. Also provide any considerations of evolving from service provider portability to location portability if so required at a later date.

6. Network interconnection issues and proposed solutions associated with QOR deployed in a terminating network consisting with the N-1 (LRN) solution in other networks and vice-versa. This analysis should reflect network interconnection issues from all network providers point of view (i.e., originating, N-1, terminating).

7. If QOR is deployed in an intermediate network and the terminating network assumes that the N-1 architecture is used, what is the minimal set of capabilities that would be needed in the terminating network to take advantage of the QOR capabilities in the intermediate network? Include technical details of these capabilities and their estimated costs.

8. To deploy QOR or N-1 (LRN) features on a switch, what is required in addition to AIN 0.1?³

1. Success vs. an agreed outcome, as intended in the N-1 (LRN) and QOR developments and especially planning systems, and those systems have already been provided to some customers, please provide your updated responses to each of our Questions via the established Customer Points Of Contacts (CPOCs - see attached list). The pricing information will of course be revised as mandated by each customer, although we will assume that we are free to share technical and availability information.

2. Same as previous footnote.

9. For each switch type provide individual switch processing times for QOR and N-1 (LRN). For QOR provide separate estimates for the release switch and the switch performing the QOR function and database query.

Please provide us with a response indicating your plans to meet this request and a single point of contact within five working days. Provide your responses to each of our Companies via the established Customer Points Of Contact (CPOCs - see attached list). The pricing information will of course be treated as confidential by each customer, although we will assume that we are free to share technical and availability information.

Address any questions regarding QOR or N-1 (LRN) architectures to Ann Merrell, Bellcore, on (908) 758-5243, fax (908) 758-4343. Ms. Merrell will lead a working team made up of members from each of our companies to work the expedited analysis requested. The core of this work will be to provide an analysis on the technical and economic feasibility of implementing QOR and transitioning at some time to an N-1 (LRN) solution. This includes all compatibility and interconnection issues.

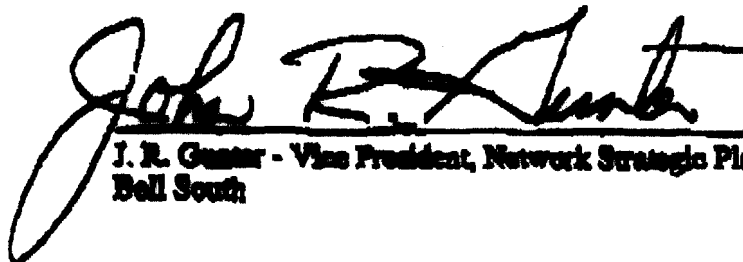
Again, we are requesting that you provide us with this information by April 15 and look forward to the conference call the week of March 25th to obtain a status on your work-in-progress.

Thank you for your immediate attention and cooperation on this extremely important and urgent work request.

Sincerely,



for J. W. Seasholtz - Chief Technology Officer
Bell Atlantic



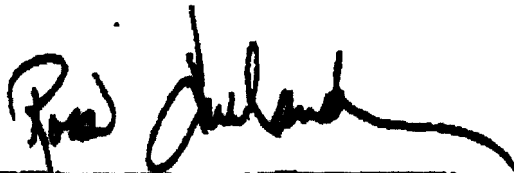
J. R. Guster - Vice President, Network Strategic Planning and Support
Bell South



T. J. Apling - Vice President, Network Engineering and Construction
Cincinnati Bell Telephone



C. S. Karypovsk - ~~Director~~, Science and Technology
NYNEX



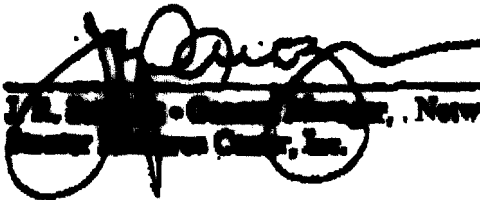
R. K. Ireland - Vice President, Network Engineering
Pacific Bell



J. Walkowiak - Senior Vice President, Network
SBC Telecommunications, Inc.



C. G. Dunsberg - Vice President, Network Technology and
Chief Technology Officer, SNET



J. A. Smith - General Manager, Network Regulatory Research
Southwestern Bell, Inc.



J. Cook - Executive Director, Network Planning
US West

ATTACHMENT

The North American CPOC Council member & address list is shown below:

Mr. Andy Smith
Bell Atlantic
1818 N. Court House Rd.
3rd Floor
Arlington, VA 22201
FNN: 703 974-5777
FAX: 703 974-0818
E-mail: andrew.n.smith@bell-atl.com

Mr. Dean L. Bourdens
Pacific Telesis
5000 Camino Ramon, Room 38700
San Ramon, Cal. 94583
FNN: 510 889-4782
FAX: 510 887-3998
E-mail: dbourd@pacbell.com

Mr. John Anderson
Santor
100 High Street, Suite 700
Ottawa, Canada K2G3J4
FNN: 613 761-1886
FAX: 613 761-6487
E-mail: andersonjm@santor.ca

Mr. Pat Karaklis
Southwestern Bell Telephone
One Bell Center, Suite 13-J-05
St. Louis, MO 63101-3099
FNN: 314 235-0981
FAX: 314 235-1293

Mr. Jim Bridges
BellSouth Telecommunications
2005 Colonnade Parkway
North Warr
Birmingham, AL 35243
FNN: 205 977-7177
FAX: 205 977-7222
E-mail: j.bridges1@bridge.net.bis.com

Mr. John Pavagot
NYNEX
51 Penn Plaza, 18th Floor
New York, NY 10001
FNN: 212 967-3834
FAX: 212 964-5159
E-mail: notes.jpavagot@a50vml.tty.nyex.com

Mr. Jorge Lemell
US WEST Communications
700 W. Mineral
Littleton, CO 80120
FNN: 303 707-7132
FAX: 303 707-9414

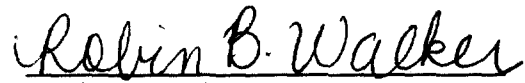
Mr. William Marcarulli
Southern New England Telephone
500 Long Wharf Drive, 5th Floor
New Haven, CT 06511
FNN: 203 853-5514
FAX: 203 853-6648

Mr. Kathy Himes
Cincinnati Bell Telephone
201 E. Fourth Street
Bldg. 188-400, P.O. Box 2301
Cincinnati, OH 45201
FNN: 513 267-0008
FAX: 513 421-7927

CERTIFICATE OF SERVICE

I hereby certify that on this 4th day of April, 1996, I caused a copy of the foregoing "Erratum" to be sent via first class mail, postage prepaid to the parties named on the attached service list.

* By Hand


Robin B. Walker

Policy and Program Planning Division (2 copies) *
Common Carrier Bureau
Room 544
1919 M Street, N.W.
Washington, D.C. 20554

International Transcription Services, Inc. *
2100 M Street, NW
Suite 140
Washington, D.C. 20037

Jason Karp *
Federal Communications Commission
Common Carrier Bureau
Room 544
1919 M Street, N.W.
Washington, D.C. 20554

Mindy Littell *
Federal Communications Commission
Common Carrier Bureau
Room 544
1919 M Street, N.W.
Washington, D.C. 20554

Matt Harthun *
Federal Communications Commission
1919 M Street, N.W., Room 544
Washington, D.C. 20554

Susan McMaster *
Federal Communications Commission
1919 M Street, N.W., Room 544
Washington, D.C. 20554

Jeannie Su *
Federal Communications Commission
Common Carrier Bureau
Room 544
1919 M Street, N.W.
Washington, D.C. 20554

David J. Gudino
GTE Service Corp.
1850 M Street, N.W.
Suite 1200
Washington, D.C. 20036

Deborah Haraldson
1095 Avenue of the Americas
New York, NY 10036

Mark J. Tauber
Mark J. O'Connor
Piper & Marbury L.L.P.
1200 19th Street, N.W.
Seventh Floor
Washington, D.C. 20036

Werner K. Hartenberger
J.G. Harrington
Laura H. Phillips
Dow, Lohnes & Albertson
1200 New Hampshire Ave., N.W.
Suite 800
Washington, D.C. 20036

Charles C. Hunter
Hunter & Mow, P.C.
1620 I Street, N.W.
Suite 701
Washington, D.C. 20006

Donald J. Elardo
1801 Pennsylvania Avenue, N.W.
Washington, D.C. 20006

Brian Conboy
Sue D. Blumenfeld
Thomas Jones
Willkie Farr & Gallagher
Three Lafayette Centre
1155 21st Street, N.W.
Washington, D.C. 20036

Carl W. Northrop
E. Ashton Johnston
Paul, Hastings, Janofsky & Walker
1299 Pennsylvania Ave., N.W.
10th Floor
Washington, D.C. 20004-2400

Andrew D. Lipman
Mark Sievers
Swidler & Berlin, Chartered
3000 K Street, N.W.
Suite 300
Washington, D.C. 20007

Gene P. Belardi
MobileMedia Communications, Inc.
2101 Wilson Boulevard, Suite 935
Arlington, VA 22201

Paul Rodgers
Charles D. Gray
James B. Ramsay
National Association of
Regulatory Utility Commissioners
1102 ICC Building
P.O. Box 684
Washington, D.C. 20044

Maureen O. Helmer
General Counsel
New York State Department
of Public Service
Three Empire State Plaza
Albany, NY 12223-1350

Virginia J. Taylor
Richard A. Elbrecht
California Department of Consumer Affairs
400 R Street, Suite 3090
Sacramento, CA 95814-6200

Donna N. Lampert
Mintz, Levin, Cohn, Ferris,
Glovsky and Popeo, P.C.
701 Pennsylvania Ave., N.W.
Suite 900
Washington, D.C. 20004

Leon M. Kestenbaum
Jay C. Keithley
Norina T. Moy
Sprint Corporation
1850 M Street, N.W.
Suite 1110
Washington, D.C. 20036

Larry A. Peck
Frank Panek
Ameritech
Room 4H86
2000 W. Ameritech Center Drive
Hoffman Estates, IL 60196-1025

James D. Ellis
Robert M. Lynch
David F. Brown
175 E. Houston, Room 1254
San Antonio, TX 78205

Richard J. Metzger
General Counsel
Association for Local
Telecommunications Services
1200 19th Street, N.W.
Suite 560
Washington, D.C. 20036

Lisa M. Zaina
General Counsel
OPASTCO
21 Dupont Circle, N.W.
Suite 700
Washington, D.C. 20036

James R. Hobson
Donelan, Cleary, Wood & Maser, P.C.
1100 New York Ave., N.W.
Suite 750
Washington, D.C. 20005

John R. Scott, III
Crowell & Moring
1001 Pennsylvania Ave., N.W.
Washington, D.C. 20004

Daniel L. Brenner
Neal M. Goldberg
David L. Nicoll
National Cable Television Association, Inc.
1724 Massachusetts Ave., N.W.
Washington, D.C. 20036

Edwin N. Lavergne
Darren L. Nunn
Ginsburg, Feldman and Bress, Chartered
1250 Connecticut Avenue, N.W.
Washington, D.C. 20036

Mary McDermott
Linda Kent
Charles D. Cosson
1401 H Street, N.W., Suite 600
Washington, D.C. 20005

Roy E. Hoffinger
Mark C. Rosenblum
Clifford K. Williams
AT&T Corp.
Room 3244J1
295 North Maple Avenue
Basking Ridge, NJ 07920

M. Robert Sutherland
Theodore R. Kingsley
1155 Peachtree Street, N.E.
Suite 1700
Atlanta, GA 30309-3610

John M. Goodman
Betsy L. Anderson
1133 20th Street, N.W.
Washington, D.C. 20036

J. Manning Lee
Teleport Communications Group, Inc.
Two Teleport Drive, Suite 300
Staten Island, NY 10311

B.J. Smith, Director
9-1-1 Emergency Telephone Operations
Hillsborough County Florida
Office of the County Administrator
P.O. Box 1110
Tampa, FL 33601